

**(District Name)**  
**Water Management Plan**  
**2011 Criteria**

**Date of first draft – (date)**  
**Date of final – (date)**

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## Section I: Description of the District

District Name: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Title: \_\_\_\_\_

Telephone: \_\_\_\_\_

E-mail: \_\_\_\_\_

Web Address \_\_\_\_\_

### A. History

1. Date district formed: \_\_\_\_\_ Date of first Reclamation contract: \_\_\_\_\_

Original size (acres): \_\_\_\_\_ Current year (last complete calendar year): \_\_\_\_\_

#### 2. Current size, population, and irrigated acres

	(enter data year)
Size (acres)	
Population served (urban connections)	
Irrigated acres	

#### 3. Water supplies received in current year

Water Source	AF
Federal urban water (Tbl 1)	
Federal agricultural water (Tbl 1)	
State water (Tbl 1)	
Other Wholesaler (define) (Tbl 1)	
Local surface water (Tbl 1)	
Upslope drain water (Tbl 1)	
District groundwater (Tbl 2)	
Banked water (Tbl 1)	
Transferred water (Tbl 1)	
Recycled water (Tbl 3)	
Other (define) (Tbl 1)	
Total	

#### 4. Annual entitlement under each right and/or contract

	AF	Source	Contract #	Availability period(s)
Reclamation Urban AF/Y				
Reclamation Agriculture AF/Y				
Other AF/Y				
Other AF/Y				

5. *Anticipated land-use changes. For Ag contractors, also include changes in irrigated acres.*

6. *Cropping patterns (Agricultural only)*

*List of current crops (crops with 5% or less of total acreage) can be combined in the 'Other' category.*

<i>Original Plan (enter date)</i>		<i>Previous Plan (enter date)</i>		<i>Current Plan</i>	
<i>Crop Name</i>	<i>Acres</i>	<i>Crop Name</i>	<i>Acres</i>	<i>Crop Name</i>	<i>Acres</i>
<i>Other (&lt;5%)</i>		<i>Other (&lt;5%)</i>		<i>Other (&lt;5%)</i>	
<i>Total</i>		<i>Total</i>		<i>Total</i>	

*(See Planner, Chapter 3, Addendum D for list of crop names)*

7. *Major irrigation methods (by acreage) (Agricultural only)*

<i>Original Plan (enter date)</i>		<i>Previous Plan (enter date)</i>		<i>Current Plan</i>	
<i>Irrigation Method</i>	<i>Acres</i>	<i>Irrigation Method</i>	<i>Acres</i>	<i>Irrigation Method</i>	<i>Acres</i>
Level Basin		Level Basin		Level Basin	
Furrow		Furrow		Furrow	
Sprinkler		Sprinkler		Sprinkler	
Low-volume		Low-volume		Low-volume	
Multiple		Multiple		Multiple	
<i>Other</i>		<i>Other</i>		<i>Other</i>	
<i>Total</i>		<i>Total</i>		<i>Total</i>	

## B. Location and Facilities

See Attachment A for maps containing the following: incoming flow locations, turnouts (internal flow), and outflow (spill) points, conveyance system, storage facilities, operational loss recovery system, district wells and lift pumps, water quality monitoring locations, and groundwater facilities.

1. *Incoming flow locations and measurement methods*

<i>Location Name</i>	<i>Physical Location</i>	<i>Type of Measurement Device</i>	<i>Accuracy</i>

2. *Current year Agricultural Conveyance System*

<i>Miles Unlined - Canal</i>	<i>Miles Lined - Canal</i>	<i>Miles Piped</i>	<i>Miles - Other</i>

3 *Current year Urban Distribution System*

<i>Miles AC Pipe</i>	<i>Miles Steel Pipe</i>	<i>Miles Cast Iron Pipe</i>	<i>Miles - Other</i>

4. *Storage facilities (tanks, reservoirs, regulating reservoirs)*

<i>Name</i>	<i>Type</i>	<i>Capacity (AF)</i>	<i>Distribution or Spill</i>

5. *Description of the agricultural spill recovery system and outflow points.*

6. *Agricultural delivery system operation (check all that apply)*

<i>Scheduled</i>	<i>Rotation</i>	<i>Other (describe)</i>

7. *Restrictions on water source(s)*

<i>Source</i>	<i>Restriction</i>	<i>Cause of Restriction</i>	<i>Effect on Operations</i>

8. *Proposed changes or additions to facilities and operations for the next 5 years*

## **C. Topography and Soils**

1. *Topography of the district and its impact on water operations and management*

2. *District soil association map (Agricultural only)*

See Attachment A, District Soils Map

3. *Agricultural limitations resulting from soil problems (Agricultural only)*

<i>Soil Problem</i>	<i>Estimated Acres</i>	<i>Effect on Water Operations and Management</i>
Salinity		
High-water table		
High or low infiltration rates		
Other (define)		

## D. Climate

1. *General climate of the district service area*

	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Aug</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Annual</i>
<i>Avg Precip.</i>													
<i>Avg Temp.</i>													
<i>Max. Temp.</i>													
<i>Min. Temp</i>													
<i>ETo</i>													

*Weather station ID* \_\_\_\_\_

*Data period: Year* \_\_\_\_\_ *to Year* \_\_\_\_\_

*ET Station ID* \_\_\_\_\_

*Average annual frost-free days:* \_\_\_\_\_

2. *Impact of microclimates on water management within the service area*

## E. Natural and Cultural Resources

1. *Natural resource areas within the service area*

<i>Name</i>	<i>Estimated Acres</i>	<i>Description</i>

2. *Description of district management of these resources in the past or present*

3. *Recreational and/or cultural resources areas within the service area*

<i>Name</i>	<i>Estimated Acres</i>	<i>Description</i>

## F. Operating Rules and Regulations

1. *Operating rules and regulations*

See Attachment B, District Rules and Regulations (water related)

2. *Water allocation policy (Agricultural only)*

See Attachment B, Page (insert page number here)

Summary -

3. *Official and actual lead times necessary for water orders and shut-off (Agricultural only)*

See Attachment B, Page (insert page number here)

Summary -

4. *Policies regarding return flows (surface and subsurface drainage from farms) and outflow (Agricultural only)*

See Attachment B, Page (insert page number here)

Summary -

5. *Policies on water transfers by the district and its customers*

See Attachment B, Page (insert page number here)

Summary -

## **G. Water Measurement, Pricing, and Billing**

**1. Agricultural Customers**

Refer to BMP A.1. Information on water measurement for agricultural contractors is completed under BMP A.1 on page 4-15.

**2. Urban Customers**

- a. *Total number of connections* \_\_\_\_\_
- b. *Total number of metered connections* \_\_\_\_\_
- c. *Total number of connections not billed by quantity* \_\_\_\_\_
- d. *Percentage of water that was measured at delivery point* \_\_\_\_\_
- e. *Percentage of delivered water that was billed by quantity* \_\_\_\_\_
- f. *Measurement device table*

<i>Meter Size and Type</i>	<i>Number</i>	<i>Accuracy* (+/-percentage)</i>	<i>Reading Frequency (Days)</i>	<i>Calibration Frequency (Months)</i>	<i>Maintenance Frequency (Months)</i>
<i>5/8-3/4"</i>					
<i>1"</i>					
<i>1 1/2"</i>					
<i>2"</i>					
<i>3"</i>					
<i>4"</i>					

6"					
8"					
10"					
Compound					
Turbo					
Other (define)					
Total					

\*Documentation verifying the accuracy of measurement devices must be submitted with Plan and included as Attachment C.

### 3. *Agricultural and Urban Rates*

a. *Current year agricultural and /or urban water charges - including rate structures and billing frequency*

See Attachment B, Page (insert page number here), for current year rate ordinance

b. *Annual charges collected from agricultural customers*

<i>Fixed Charges</i>			
<i>Charges (\$ unit)</i>	<i>Charge units \$/acre, etc.</i>	<i>Units billed during year acres, etc.</i>	<i>\$ collected (\$ times units)</i>

<i>Volumetric charges</i>			
<i>Charges (\$ unit)</i>	<i>Charge units \$/AF, etc.</i>	<i>Units billed during year AF, etc.</i>	<i>\$ collected (\$ times units)</i>

*Annual charges collected from urban customers*

<i>Fixed Charges</i>			
<i>Charges (\$ unit)</i>	<i>Charge units (\$/meter size) etc.</i>	<i>Units billed during year (by meter size) etc.</i>	<i>\$ collected (\$ times units)</i>



Volumetric charges			
<i>Charges (\$ unit)</i>	<i>Charge units (\$/HCF), etc.</i>	<i>Units billed during year HCF, Kgal, etc.</i>	<i>\$ collected (\$ times units)</i>

See Attachment C Page (insert page number here), District Sample Bills

*c. Describe the contractor's record management system*

## **H. Water Shortage Allocation Policies**

*1. Current year water shortage policies or shortage response plan - specifying how reduced water supplies are allocated*

See Attachment D, page (insert page number here), District Water Shortage Plan

*2. Current year policies that address wasteful use of water and enforcement methods*

See Attachment B, page (insert page number here)

## **I. Evaluate Policies of Regulatory Agencies Affecting the Contractor and Identify Policies that Inhibit Good Water Management.**

*Discuss possible modifications to policies and solutions for improved water management.*

## Section II: Inventory of Water Resources

### A. Surface Water Supply

1. *Surface water supplies in acre feet, imported and originating within the service area, by month (Table 1).*

See Chapter 5, Water Inventory Tables, Table 1

2. *Amount of water delivered to the district by each of the district sources for the last 10 years*

See Chapter 5, Water Inventory Tables, Table 8.

### B. Groundwater Supply

1. *Groundwater extracted by the district and delivered, by month (Table 2)*

See Chapter 5, Water Inventory Tables, Table 2

2. *Groundwater basin(s) that underlies the service area*

<i>Name</i>	<i>Size (Square Miles)</i>	<i>Usable Capacity (AF)</i>	<i>Safe Yield (AF/Y)</i>

3. *Map of district-operated wells and managed groundwater recharge areas*

See Attachment A, for District Map of Groundwater Facilities

4. *Description of conjunctive use of surface and groundwater  
(Please review Guidebook definition of conjunctive use)*

5. *Groundwater Management Plan*

See Attachment F, Groundwater Management Plan

6. *Groundwater Banking Plan*

See Attachment G, Groundwater Banking Plan

### C. Other Water Supplies

1. *“Other” water used as part of the water supply – Describe supply*

See Chapter 5, Water Inventory Tables, Table 1

### D. Source Water Quality Monitoring Practices

1. *Potable Water Quality (Urban only)*

See Attachment H – District Annual Potable Water Quality Report



3. *Urban use by customer type in current year*

<i>Customer Type</i>	<i>Number of Connections</i>	<i>AF</i>
<i>Single-family</i>		
<i>Multi-family</i>		
<i>Commercial</i>		
<i>Industrial</i>		
<i>Institutional</i>		
<i>Landscape irrigation</i>		
<i>Wholesale</i>		
<i>Recycled</i>		
<i>Other (specify)</i>		
<i>Other (specify)</i>		
<i>Other (specify)</i>		
<i>Unaccounted for</i>		
<b>Total</b>		

4. *Urban Wastewater Collection/Treatment Systems serving the service area*

<i>Treatment Plant</i>	<i>Treatment Level (1, 2, 3)</i>	<i>AF</i>	<i>Disposal to / uses</i>
	<b>Total</b>		
<b>Total discharged to ocean and/or saline sink</b>			

5. *Groundwater recharge in current year (Table 6)*

<i>Recharge Area</i>	<i>Method of Recharge</i>	<i>AF</i>	<i>Method of Retrieval</i>
	<b>Total</b>		

6a. *Transfers and exchanges **into** the service area in current year – (Table 1)*

<i>From Whom</i>	<i>To Whom</i>	<i>AF</i>	<i>Use</i>
	<b>Total</b>		

6b. *Transfers and exchanges **out** of the service area in current year – (Table 6)*

<i>From Whom</i>	<i>To Whom</i>	<i>AF</i>	<i>Use</i>
	<b>Total</b>		

7. *Wheeling, or other transactions in and out of the district boundaries – (Table 6)*

<i>From Whom</i>	<i>To Whom</i>	<i>AF</i>	<i>Use</i>
	Total		

8. *Other uses of water*

<i>Other Uses</i>	<i>AF</i>

## F. Outflow from the District (Agricultural only)

See Facilities Map, Attachment A, for the location of surface and subsurface outflow points, outflow measurement points, outflow water-quality testing locations

1. *Surface and subsurface drain/outflow*

<i>Outflow point</i>	<i>Location description</i>	<i>AF</i>	<i>Type of measurement</i>	<i>Accuracy (%)</i>	<i>% of total outflow</i>	<i>Acres drained</i>

<i>Outflow point</i>	<i>Where the outflow goes (drain, river or other location)</i>	<i>Type Reuse (if known)</i>

2. *Description of the Outflow (surface and subsurface) water quality testing program and the role of each participant in the program*

3. *Outflow (surface drainage & spill) Quality Testing Program*

<i>Analyses Performed</i>	<i>Frequency</i>	<i>Concentration Range</i>	<i>Average</i>	<i>Reuse limitation?</i>

*Outflow (subsurface drainage) Quality Testing Program*

<i>Analyses Performed</i>	<i>Frequency</i>	<i>Concentration Range</i>	<i>Average</i>	<i>Reuse limitation?</i>

4. Provide a brief discussion of the District's involvement in Central Valley Regional Water Quality Control Board programs or requirements for remediating or monitoring any contaminants that would significantly degrade water quality in the receiving surface waters.

*Districts included in the drainage problem area, as identified in "A Management Plan for Agricultural Subsurface Drainage and Related Problems on the Westside San Joaquin Valley (September 1990)," should also complete **Water Inventory Table 7 and Addendum C (include in plan as Attachment J)***

## **G. Water Accounting (Inventory)**

Go To Chapter 5 for Agricultural Water Inventory Tables and Instructions.

Go To Chapter 6 for Urban Water Inventory Tables and Instructions.

### Section III: Best Management Practices (BMPs) for Agricultural Contractors

#### A. Critical Agricultural BMPs

1. Measure the volume of water delivered by the district to each turnout with devices that are operated and maintained to a reasonable degree of accuracy, under most conditions, to +/- 6%

- a. Number of delivery points (turnouts and connections) \_\_\_\_\_
- b. Number of delivery points serving more than one farm \_\_\_\_\_
- c. Number of measured delivery points (meters and measurement devices) \_\_\_\_\_
- d. Percentage of delivered water that was measured at a delivery point \_\_\_\_\_
- e. Total number of delivery points not billed by quantity \_\_\_\_\_
- f. Delivery point measurement device table

Measurement Type	Number	Accuracy* (+/- %)	Reading Frequency (Days)	Calibration Frequency (Months)	Maintenance Frequency (Months)
Orifices					
Propeller meter					
Weirs					
Flumes					
Venturi					
Metered gates					
Acoustic doppler					
Other (define)					
Total					

\*Documentation verifying the accuracy of measurement devices must be submitted with Plan and included in Attachment C.

2. Designate a water conservation coordinator to develop and implement the Plan and develop progress reports

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_ E-mail: \_\_\_\_\_

Provide the job description and minimum qualifications

3. *Provide or support the availability of water management services to water users*  
 See Attachment H, Notices of District Education Programs and Services Available to Customers.

**a. On-Farm Evaluations**

1) On farm irrigation and drainage system evaluations using a mobile lab type assessment

	<i>Total in district</i>	<i># surveyed last year</i>	<i># surveyed in current year</i>	<i># projected for next year</i>	<i># projected 2<sup>nd</sup> yr in future</i>
<i>Irrigated acres</i>					
<i>Number of farms</i>					

2) Timely field and crop-specific water delivery information to the water user

**b. Real-time and normal irrigation scheduling and crop ET information**

**c. Surface, ground, and drainage water quantity and quality data provided to water users**

**d. Agricultural water management educational programs and materials for farmers, staff, and the public**

<i>Program</i>	<i>Co-Funders (If Any)</i>	<i>Yearly Targets</i>

See Attachment H for samples of provided materials and notices

**e. other**

4. *Pricing structure - based at least in part on quantity delivered*  
 Adopt a water pricing structure based on the measured quantity delivered



5. *Evaluate and improve efficiencies of district pumps*

Describe the program to evaluate and improve the efficiencies of the contractor's pumps.

	<i>Total in district</i>	<i># surveyed last year</i>	<i># surveyed in current year</i>	<i># projected for next year</i>
<i>Wells</i>				
<i>Lift pumps</i>				

## B. Exemptible BMPs for Agricultural Contractors

(See Planner, Chapter 2, Addendum B for examples of exemptible conditions)

### 1. Facilitate alternative land use

<i>Drainage Characteristic</i>	<i>Acreage</i>	<i>Potential Alternate Uses</i>
<i>High water table (&lt;5 feet)</i>		
<i>Poor drainage</i>		
<i>Groundwater Selenium concentration &gt; 50 ppb</i>		
<i>Poor productivity</i>		

Describe how the contractor encourages customers to participate in these programs.

### 2. Facilitate use of available recycled urban wastewater

<i>Sources of Recycled Urban Waste Water</i>	<i>AF/Y Available</i>	<i>AF/Y Currently Used in District</i>

### 3. Facilitate the financing of capital improvements for on-farm irrigation systems

<i>Program</i>	<i>Description</i>

### 4. Incentive pricing

Describe incentive rate structure and purpose.

### 5. a) Line or pipe ditches and canals

<i>Canal/Lateral (Reach)</i>	<i>Type of Improvement</i>	<i>Number of Miles in Reach</i>	<i>Estimated Seepage (AF/Y)</i>	<i>Accomplished/Planned Date</i>

### b) Construct/line regulatory reservoirs

<i>Reservoir Name</i>	<i>Location</i>	<i>Describe improved operational flexibility and AF savings</i>

### 6. Increase flexibility in water ordering by, and delivery to, water users

See Attachment I, contractor 'agricultural water order' form

7. *Construct and operate district spill and tailwater recovery systems*

<i>Distribution System Lateral</i>	<i>Annual Spill (AF/Y)</i>	<i>Quantity Recovered and reused (AF/Y)</i>
Total		

<i>Drainage System Lateral</i>	<i>Annual Drainage Outflow (AF/Y)</i>	<i>Quantity Recovered and reused (AF/Y)</i>
Total		

Describe facilities that resulted in reduced spill and tailwater

8. *Plan to measure outflow.*

*Total # of outflow (surface) locations/points* \_\_\_\_\_

*Total # of outflow (subsurface) locations/points* \_\_\_\_\_

*Total # of measured outflow points* \_\_\_\_\_

*Percentage of total outflow (volume) measured during report year* \_\_\_\_\_

*Identify locations, prioritize, determine best measurement method/cost, submit funding proposal*

<i>Location &amp; Priority</i>	<i>Estimated cost (in \$1,000s)</i>				
	<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Year 4</i>	<i>Year 5</i>

9. *Optimize conjunctive use of surface and groundwater*

Describe the potential for increasing conjunctive use of surface and groundwater.

10. *Automate distribution and/or drainage system structures*

Identify locations where automation would increase delivery flexibility and reduce spill and losses.

Describe program to achieve these benefits and estimate the annual water savings.

11. *Facilitate or promote water customer pump testing and evaluation*

See Attachment H, Notices of District Education Programs and Services Available to Customers

## 12. Mapping

GIS maps	Estimated cost (in \$1,000s)				
	Year 1	Year 2	Year 3	Year 5	Year 6
Layer 1 – Distribution system					
Layer 2 – Drainage system					
Suggested layers:					
Layer 3 – Groundwater information					
Layer 4 – Soils map					
Layer 5 – Natural & cultural resources					
Layer 6 – Problem areas					

## C. Provide a 3-Year Budget for Implementing BMPs

### 1. Amount actually spent during current year.

Year <u>2012</u> or Year <u>1</u>		Actual Expenditure	Staff Hours
BMP #	BMP Name	(not including staff time)	
A 1	Measurement	\$0	0
2	Conservation staff	\$0	0
3	On-farm evaluation /water delivery info	\$0	0
	Irrigation Scheduling	\$0	0
	Water quality	\$0	0
	Agricultural Education Program	\$0	0
4	Quantity pricing	\$0	0
5	Contractor's pumps	\$0	0
B 1	Alternative land use	\$0	0
2	Urban recycled water use	\$0	0
3	Financing of on-farm improvements	\$0	0
4	Incentive pricing	\$0	0
5	Line or pipe canals/install reservoirs	\$0	0
6	Increase delivery flexibility	\$0	0
7	District spill/tailwater recovery systems	\$0	0
8	Measure outflow	\$0	0
9	Optimize conjunctive use	\$0	0
10	Automate canal structures	\$0	0
11	Customer pump testing	\$0	0
12	Mapping	\$0	0
Total		\$0	0

### 2. Projected budget summary for the next year.

Year <u>2013</u> or Year <u>2</u>		Budgeted Expenditure	Staff Hours
BMP #	BMP Name	(not including staff time)	
A 1	Measurement	\$0	0
2	Conservation staff	\$0	0
3	On-farm evaluations/water delivery info	\$0	0

		<i>Irrigation Scheduling</i>	\$0	0
		<i>Water quality</i>	\$0	0
		<i>Agricultural Education Program</i>	\$0	0
4		<i>Quantity pricing</i>	\$0	0
5		<i>Contractor's pumps</i>	\$0	0
B	1	<i>Alternative land use</i>	\$0	0
	2	<i>Urban recycled water use</i>	\$0	0
	3	<i>Financing of on-farm improvements</i>	\$0	0
	4	<i>Incentive pricing</i>	\$0	0
	5	<i>Line or pipe canals/install reservoirs</i>	\$0	0
	6	<i>Increase delivery flexibility</i>	\$0	0
	7	<i>District spill/tailwater recovery systems</i>	\$0	0
	8	<i>Measure outflow</i>	\$0	0
	9	<i>Optimize conjunctive use</i>	\$0	0
	10	<i>Automate canal structures</i>	\$0	0
	11	<i>Customer pump testing</i>	\$0	0
	12	<i>Mapping</i>	\$0	0
		<i>Total</i>	\$0	0

3. *Projected budget summary for 3<sup>rd</sup> year.*

Year <u>2014</u> or Year <u>3</u>		<i>Budgeted Expenditure</i>		
<i>BMP #</i>	<i>BMP Name</i>	<i>(not including staff time)</i>	<i>Staff Hours</i>	
A	1	<i>Measurement</i>	\$0	0
	2	<i>Conservation staff</i>	\$0	0
	3	<i>On-farm evaluations/water delivery info</i>	\$0	0
		<i>Irrigation Scheduling</i>	\$0	0
		<i>Water quality</i>	\$0	0
		<i>Agricultural Education Program</i>	\$0	0
4		<i>Quantity pricing</i>	\$0	0
5		<i>Contractor's pumps</i>	\$0	0
B	1	<i>Alternative land use</i>	\$0	0
	2	<i>Urban recycled water use</i>	\$0	0
	3	<i>Financing of on-farm improvements</i>	\$0	0
	4	<i>Incentive pricing</i>	\$0	0
	5	<i>Line or pipe canals/install reservoirs</i>	\$0	0
	6	<i>Increase delivery flexibility</i>	\$0	0
	7	<i>District spill/tailwater recovery systems</i>	\$0	0
	8	<i>Measure outflow</i>	\$0	0
	9	<i>Optimize conjunctive use</i>	\$0	0
	10	<i>Automate canal structures</i>	\$0	0
	11	<i>Customer pump testing</i>	\$0	0
	12	<i>Mapping</i>	\$0	0
		<i>Total</i>	\$0	0

## **Section IV: Best Management Practices for Urban Contractors**

### **A. Urban BMPs**

#### **Foundational BMPs**

1. Utility Operations Programs
  - 1.1. Operations Practices
    - A.1) Conservation Coordinator
    - A.2) Water waste prevention
    - A.3) Wholesale agency assistance programs
  - 1.2. Water Loss Control
  - 1.3. Metering with Commodity Rates for All New Connections and Retrofit of Existing Connections
  - 1.4. Retail Conservation Pricing
2. Education Programs
  - 2.1. Public Information Programs
  - 2.2. School Education Programs

#### **Programmatic BMPs**

3. Residential
  - A.1) Residential assistance program
  - A.2) Landscape water survey
  - A.3) High-efficiency clothes washers (HECWs)
  - A.4) WaterSense Specification (WSS) toilets
  - A.5) WaterSense Specifications for residential development
4. Commercial, Industrial, and Institutional (CII)
5. Landscape

## B. Provide a 3-Year Budget for Expenditures and Staff Effort for BMPs

1. Amount actually spent during current year.

Year <u>2012</u> or <u>Year 1</u>		Projected Expenditures	
BMP #	BMP Name	(not including staff hours)	Staff Hours
1.	Utilities Operations		
1.1	Operations Practices	\$0	0
1.2	Water Loss Control	\$0	0
1.3	Metering	\$0	0
1.4	Retail Conservation Pricing	\$0	0
2.	Education Programs		
2.1	Public Information Programs	\$0	0
2.2	School Education Programs	\$0	0
3.	Residential	\$0	0
4.	CII	\$0	0
5.	Landscape	\$0	0
	Total	\$0	0

2. Projected budget summary for 2<sup>nd</sup> year.

Year <u>2013</u> or <u>Year 2</u>		Projected Expenditures	
BMP #	BMP Name	(not including staff hours)	Staff Hours
1.	Utilities Operations		
1.1	Operations Practices	\$0	0
1.2	Water Loss Control	\$0	0
1.3	Metering	\$0	0
1.4	Retail Conservation Pricing	\$0	0
2.	Education Programs		
2.1	Public Information Programs	\$0	0
2.2	School Education Programs	\$0	0
3.	Residential	\$0	0
4.	CII	\$0	0
5.	Landscape	\$0	0
	Total	\$0	0

3. *Projected budget summary for 3<sup>rd</sup> year.*

Year <u>2014</u> or <u>Year 3</u>		Projected Expenditures	
BMP #	BMP Name	(not including staff hours)	Staff Hours
<i>1. Utilities Operations</i>			
<i>1.1</i>	<i>Operations Practices</i>	<i>\$0</i>	<i>0</i>
<i>1.2</i>	<i>Water Loss Control</i>	<i>\$0</i>	<i>0</i>
<i>1.3</i>	<i>Metering</i>	<i>\$0</i>	<i>0</i>
<i>1.4</i>	<i>Retail Conservation Pricing</i>	<i>\$0</i>	<i>0</i>
<i>2. Education Programs</i>			
<i>2.1</i>	<i>Public Information Programs</i>	<i>\$0</i>	<i>0</i>
<i>2.2</i>	<i>School Education Programs</i>	<i>\$0</i>	<i>0</i>
<i>3.</i>	<i>Residential</i>	<i>\$0</i>	<i>0</i>
<i>4.</i>	<i>CII</i>	<i>\$0</i>	<i>0</i>
<i>5.</i>	<i>Landscape</i>	<i>\$0</i>	<i>0</i>
<i>Total</i>		<i>\$0</i>	<i>0</i>